

DAFTAR ISI

LEMBAR PENGESAHAN	Error! Bookmark not defined.
LEMBAR PERNYATAAN.....	Error! Bookmark not defined.
ABSTRAK.....	Error! Bookmark not defined.
<i>ABSTRACT</i>	Error! Bookmark not defined.
KATA PENGANTAR	Error! Bookmark not defined.
DAFTAR ISI.....	1
DAFTAR GAMBAR	Error! Bookmark not defined.
DAFTAR TABEL.....	Error! Bookmark not defined.
BAB I PENDAHULUAN.....	Error! Bookmark not defined.
1.1 Latar Belakang	Error! Bookmark not defined.
1.2 Rumusan Masalah	Error! Bookmark not defined.
1.3 Tujuan.....	Error! Bookmark not defined.
1.4 Manfaat.....	Error! Bookmark not defined.
1.5 Batasan Masalah.....	Error! Bookmark not defined.
1.6 <i>State of The Art</i>	Error! Bookmark not defined.
1.7 Kerangka Berfikir.....	Error! Bookmark not defined.
1.8 Sistematika Penulisan.....	Error! Bookmark not defined.
BAB II TINJAUAN PUSTAKA	Error! Bookmark not defined.
2.1 Citra.....	Error! Bookmark not defined.
2.1.1 Definisi Pengolahan Citra.....	Error! Bookmark not defined.
2.1.2 Model Citra	Error! Bookmark not defined.
2.1.3 Operasi Pengolahan Citra	Error! Bookmark not defined.
2.2 <i>Laser Range Finder</i>	Error! Bookmark not defined.
2.2.1 <i>Laser</i>	Error! Bookmark not defined.

2.3	Sensor	Error! Bookmark not defined.
2.3.1	<i>Webcam</i>	Error! Bookmark not defined.
2.4	Perangkat MINI PC (<i>Raspberry Pi</i>).....	Error! Bookmark not defined.
2.4.1	Arsitektur <i>Raspberry Pi</i>	Error! Bookmark not defined.
2.5	<i>OpenCV</i>	Error! Bookmark not defined.
2.5.1	Fitur <i>OpenCV</i>	Error! Bookmark not defined.
BAB III METODE PENELITIAN		Error! Bookmark not defined.
3.1	Tahapan Penelitian	Error! Bookmark not defined.
3.1.1	Rumusan Masalah.....	Error! Bookmark not defined.
3.1.2	Analisis Kebutuhan.....	Error! Bookmark not defined.
3.1.3	Perancangan	Error! Bookmark not defined.
3.1.4	Realisasi Rancangan	Error! Bookmark not defined.
3.1.5	Pengujian.....	Error! Bookmark not defined.
3.1.6	Analisis	Error! Bookmark not defined.
BAB IV PERANCANGAN DAN REALISASI RANCANGAN.....		Error! Bookmark not defined.
4.1	Perancangan	Error! Bookmark not defined.
4.1.1	Perancangan <i>Hardware</i>	Error! Bookmark not defined.
4.1.2	Perancangan Program	Error! Bookmark not defined.
4.2	Realisasi Rancangan.....	Error! Bookmark not defined.
4.2.1	Realisasi <i>Hardware</i> Sensor Pendeteksi Jarak.....	Error! Bookmark not defined.
4.2.2	Realisasi Modul <i>Raspberry</i> Dengan <i>Power Bank</i>	Error! Bookmark not defined.
4.2.3	Realisasi Modul <i>Raspberry</i> Dengan <i>Headset</i>	Error! Bookmark not defined.
4.2.4	Realisasi Perangkat Pendeteksi Jarak.....	Error! Bookmark not defined.
4.2.5	Realisasi Program Pendeteksi Warna.....	Error! Bookmark not defined.
4.2.6	Realisasi Sub-program <i>Centroid</i> Warna <i>laser</i>	Error! Bookmark not defined.

4.2.7	Realisasi Sub-program Nilai <i>Pfc</i>	Error! Bookmark not defined.
4.2.8	Realisasi Program Pendeteksi Jarak.	Error! Bookmark not defined.
4.2.9	Realisasi Sub-program <i>Output Alarm</i>	Error! Bookmark not defined.
BAB V PENGUJIAN DAN ANALISIS.....		Error! Bookmark not defined.
5.1	Hasil Kalibrasi Dan Pengukuran Jarak....	Error! Bookmark not defined.
5.1.1	Kalibrasi Antara <i>Pfc</i> dengan <i>Dactual</i>	Error! Bookmark not defined.
5.1.2	Konversi <i>Dactaul</i> Menjadi θ_{actual} ..	Error! Bookmark not defined.
5.1.3	Mencari Nilai <i>Rpc</i> dan <i>Ro</i>	Error! Bookmark not defined.
5.1.4	Data Hasil Pengujian Dengan <i>Raspberry</i>	Error! Bookmark not defined.
5.1.5	Data Hasil Pengujian Dengan <i>Windows</i>	Error! Bookmark not defined.
BAB VI PENUTUP		Error! Bookmark not defined.
6.1	Kesimpulan.....	Error! Bookmark not defined.
6.2	Saran.....	Error! Bookmark not defined.
DAFTAR PUSTAKA		Error! Bookmark not defined.
LAMPIRAN PROGRAM <i>PYTHON RASPBERRY PI</i>		Error! Bookmark not defined.
LAMPIRAN PROGRAM <i>PYTHON WINDOWS</i> ..		Error! Bookmark not defined.